
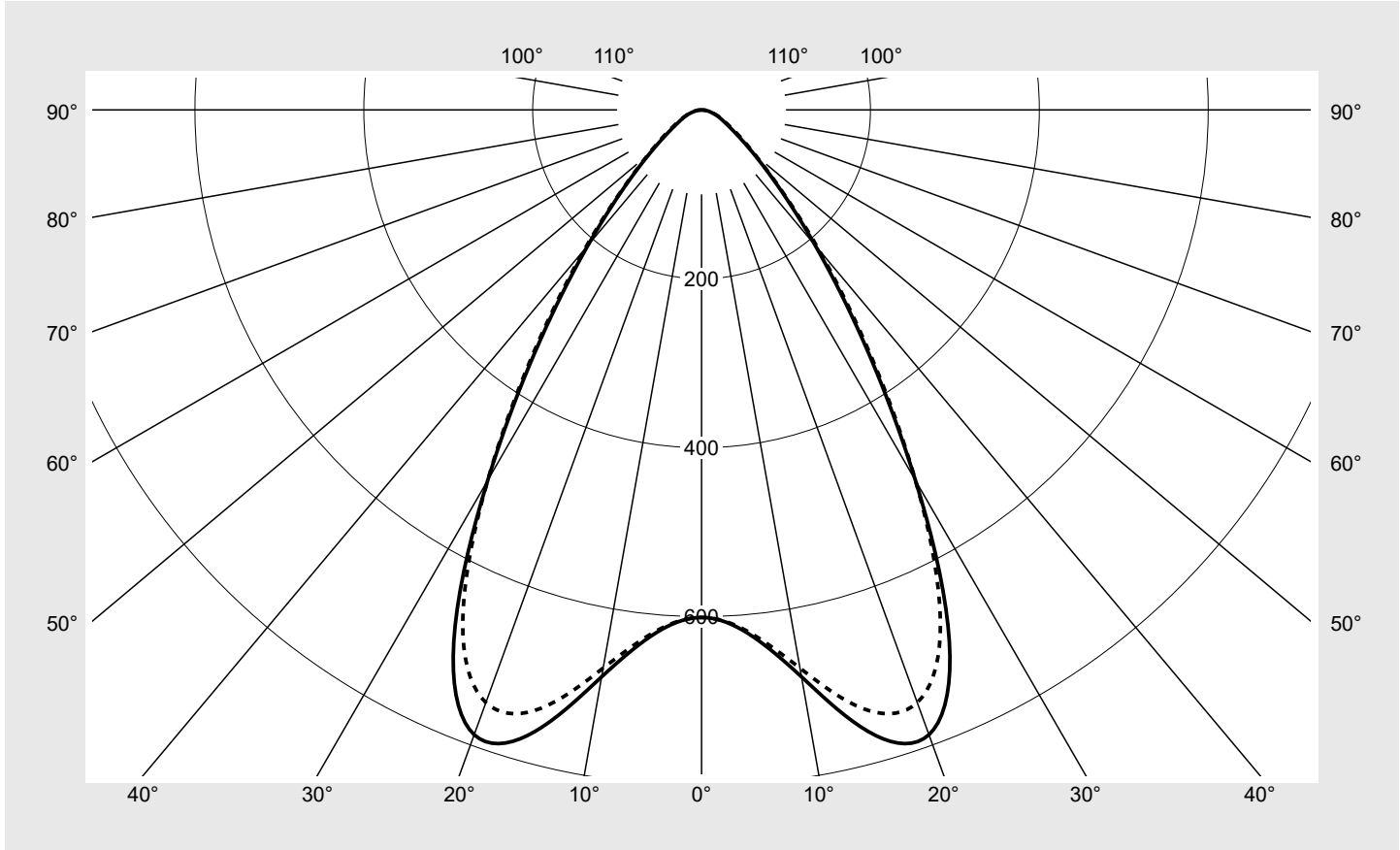


Photometric test report

Family Scriptus® 	Order number: 5MZ313D04WA EAN: 4058352128718	LP number 57360_11
	Version symmetrical design, MLA-optic, direct/indirect wide distribution, UGR≤19 Lamps 1 x LED 4000K / CRI ≥ 80 (unbekannt LED 4000K / CRI = 80) Controlgear ECG-DALI Setting individual position: only direct light Rated values Net luminous flux = 8020 lm Power consumption = 56.6 W Luminous efficacy = 141.7 lm/W	serial documentation 25.01.2017



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 790 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=82 N2=95 N3=99 N4=100 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

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Table of values for luminous intensities		Maximum luminous intensity
		sITeco

C-planes γ	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm								Luminous flux in lm/klm	
0°	601.0	601.0	601.0	601.0	601.0	601.0	601.0	3.6	3.6
5°	621.7	620.0	618.9	620.7	619.2	619.0	619.5	29.6	33.2
10°	681.7	679.2	676.9	676.0	672.7	670.5	671.1	64.3	97.5
15°	761.9	760.0	754.5	745.5	739.5	734.0	733.4	106.0	203.4
20°	787.3	790.2	785.7	778.6	764.8	749.9	746.8	144.9	348.3
25°	694.3	700.4	703.6	697.9	691.6	670.3	669.3	160.1	508.4
30°	506.5	511.5	521.0	524.3	523.6	507.0	506.7	141.3	649.7
35°	333.5	335.1	348.5	355.1	352.8	339.3	340.2	108.3	758.0
40°	209.2	212.3	217.7	224.7	222.1	216.0	215.6	76.6	834.7
45°	128.9	129.3	132.0	137.3	137.8	133.9	131.6	51.7	886.4
50°	79.9	79.9	81.7	84.4	85.6	84.4	83.1	34.8	921.2
55°	51.2	52.0	54.0	55.1	55.0	55.7	55.7	24.3	945.5
60°	35.0	36.7	37.3	38.3	38.1	38.0	37.8	17.8	963.3
65°	25.7	26.4	26.6	27.2	27.8	27.3	27.0	13.4	976.7
70°	19.1	18.6	19.8	19.6	19.8	19.6	19.4	10.0	986.7
75°	12.4	13.2	13.9	13.6	12.9	13.2	13.1	7.0	993.7
80°	7.7	8.2	7.8	7.7	7.6	7.9	7.8	4.2	998.0
85°	3.8	3.8	3.6	3.6	3.6	3.7	3.7	2.0	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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UGR-Table	Standard room	siteco
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Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	16.1	17.5	16.5	17.8	18.1	16.3	17.6	16.7	18.0	18.3
	3H	16.5	17.6	16.9	18.0	18.3	16.7	17.8	17.0	18.2	18.5
	4H	16.6	17.7	17.0	18.1	18.4	16.8	17.9	17.2	18.2	18.6
	6H	16.7	17.7	17.1	18.1	18.5	16.9	17.9	17.3	18.3	18.7
	8H	16.9	17.7	17.3	18.1	18.5	17.1	17.9	17.5	18.3	18.7
	12H	16.9	17.7	17.3	18.1	18.5	17.1	17.9	17.5	18.3	18.7
4H	2H	16.2	17.3	16.6	17.7	18.1	16.4	17.5	16.8	17.8	18.2
	3H	16.7	17.6	17.1	18.0	18.4	16.9	17.8	17.3	18.2	18.6
	4H	16.9	17.7	17.4	18.2	18.6	17.1	17.9	17.5	18.3	18.7
	6H	17.1	17.8	17.6	18.3	18.7	17.3	18.0	17.7	18.4	18.9
	8H	17.2	17.9	17.7	18.3	18.8	17.4	18.0	17.8	18.4	18.9
	12H	17.3	17.8	17.8	18.3	18.8	17.5	18.0	18.0	18.4	18.9
8H	4H	17.0	17.6	17.5	18.1	18.6	17.2	17.8	17.6	18.2	18.7
	6H	17.3	17.8	17.8	18.3	18.8	17.4	17.9	17.9	18.4	18.9
	8H	17.4	17.9	17.9	18.3	18.9	17.5	18.0	18.0	18.5	19.0
	12H	17.5	17.9	18.1	18.4	18.9	17.6	18.0	18.2	18.5	19.0
12H	4H	17.1	17.6	17.5	18.0	18.5	17.2	17.7	17.7	18.2	18.7
	6H	17.3	17.7	17.8	18.2	18.7	17.4	17.9	18.0	18.3	18.9
	8H	17.5	17.8	18.0	18.3	18.9	17.6	17.9	18.1	18.4	19.0

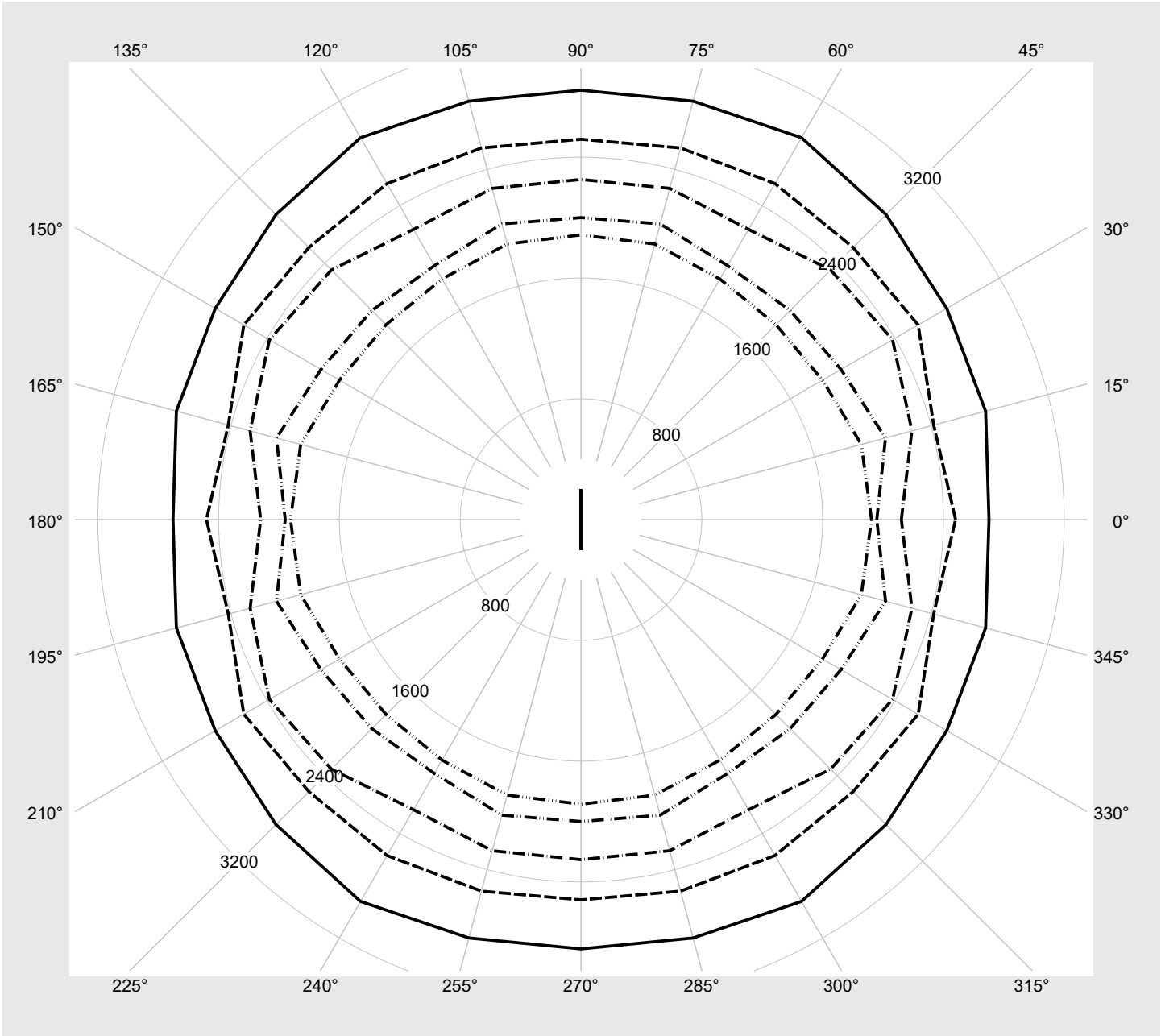
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1900 B = 95
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C-planes	γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
			Luminance in cd/m²					
45°		8097.7	8122.1	8297.1	8626.0	8661.4	8416.4	8270.4
50°		5523.7	5525.5	5644.1	5830.9	5918.7	5834.4	5741.3
55°		3967.6	4025.3	4181.3	4266.9	4263.7	4314.0	4312.1
60°		3107.4	3258.7	3318.6	3400.2	3383.0	3378.9	3363.2
65°		2702.0	2774.2	2797.0	2856.9	2920.5	2869.0	2843.7
70°		2480.6	2418.2	2578.5	2548.5	2569.2	2547.8	2518.8
75°		2121.5	2268.7	2382.6	2337.8	2219.0	2270.9	2252.3
80°		1959.0	2087.9	1988.4	1958.7	1941.8	2027.0	1999.9
85°		1924.0	1922.0	1847.0	1825.6	1839.9	1889.3	1885.2

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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	8020	56.6
95	241	252	7619	53.6
90	228	250	7218	50.7
85	215	248	6817	47.8
80	202	245	6416	45.0
75	189	243	6015	42.2
70	176	241	5614	39.3
65	163	238	5213	36.5
60	151	235	4812	33.8
55	138	231	4411	31.1
50	125	228	4010	28.4
45	113	224	3609	25.7
40	100	220	3208	23.1
35	88	215	2807	20.5
30	75	209	2406	18.0
25	63	203	2005	15.4
20	50	195	1604	12.9
15	38	185	1203	10.4
10	26	169	802	8.0
5	13	145	400	5.4